

IN THE CLAIMS

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1. (Currently amended) An integrated circuit comprising a noise source, a sub-circuit, a noise medium capable of transferring noise signals from the noise source to the sub-circuit, a feedback circuit, having an input coupled to the noise medium at an input point on a first side of the sub-circuit and an output coupled to the noise medium at an output point on a second side of the sub-circuit, the first and second sides being opposite to one another relative to the sub-circuit, the noise source being coupled to the noise medium on said second side, comprising a further feedback circuit, with input and output coupled to the noise medium, so that an output of the feedback circuit is coupled to the noise medium closer to the input of the further feedback circuit than to the input of the feedback circuit, the output of the feedback circuit and the input of the further feedback circuit being mutually arranged so that undesired feedback of output signals from the output of the feedback circuit by the further feedback circuit is at least partially suppressed.

2. (Previously presented) An integrated circuit according to claim 1, wherein said noise medium is a power supply line.

3. (Canceled)

4. (Canceled)

5. (Currently amended) An integrated circuit according to claim 4, wherein the further

feedback circuit has differential inputs and means for altering an amplitude of an input signal at at least one of the different inputs such that mutually different weights are applied to signals at the different inputs, the mutually different weights being so that said undesired feedback is at least partially suppressed.

6. (Previously presented) An integrated circuit comprising a noise source, a sub-circuit, a noise medium capable of transferring noise signals from the noise source to the sub-circuit, a feedback circuit, having an input coupled to the noise medium at an input point on a first side of the sub-circuit and an output coupled to the noise medium at an output point on a second side of the sub-circuit, the first and second sides being opposite to one another relative to the sub-circuit, the noise source being coupled to the noise medium on said second side  
An integrated circuit according to claim 1, comprising a further noise source coupled to the noise medium and a further feedback circuit with input and output coupled to the noise medium, the inputs of the feedback circuit and the further feedback circuit being differential inputs, the differential inputs of the feedback circuit being coupled to the noise medium on mutually opposite sides of the further noise source, the differential inputs of the further feedback circuit being coupled to the noise medium on mutually opposite sides of the noise source.